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FILE 'HCAPLUS' ENTERED AT 09:12:14 ON 13 OCT 2005

E US20040132959/PN

L1 1 SEA ABB=ON PLU=ON US2004132959/PN
L2 SEL PLU=ON L1 1- RN : 10 TERMS
L3 2069 SEA ABB=ON PLU=ON L2
L4 1 SEA ABB=ON PLU=ON L1 AND L3
D ALL HITSTR

FILE 'STNGUIDE' ENTERED AT 09:12:34 ON 13 OCT 2005

FILE 'STNGUIDE' ENTERED AT 09:15:53 ON 13 OCT 2005

FILE 'HCAPLUS' ENTERED AT 09:29:29 ON 13 OCT 2005

L5 1888 SEA ABB=ON PLU=ON CONJUGAT?(3A) (OLIGOMER? OR TETRAMER? OR
DIMER? OR TRIMER?)
L6 975 SEA ABB=ON PLU=ON L5 AND CONJUGAT?/TI
L7 945 SEA ABB=ON PLU=ON L5 AND (OLIGOMER? OR TETRAMER? OR DIMER?
OR TRIMER?)/TI
L8 651 SEA ABB=ON PLU=ON L6 AND L7
L9 14360 SEA ABB=ON PLU=ON SHELL###(4A)CORE###
L10 0 SEA ABB=ON PLU=ON L8 AND L9
L11 2 SEA ABB=ON PLU=ON (L5 OR L6 OR L7 OR L8) AND L9
L12 SEL PLU=ON L11 1- RN : 8 TERMS
L13 299127 SEA ABB=ON PLU=ON L12
L14 1 SEA ABB=ON PLU=ON L11 AND L13
D ALL HITSTR TOT

FILE 'STNGUIDE' ENTERED AT 09:31:00 ON 13 OCT 2005

FILE 'HCAPLUS' ENTERED AT 09:33:21 ON 13 OCT 2005

L15 2 SEA ABB=ON PLU=ON (US6025462 OR WO2001059030)/PN
L16 29 SEA ABB=ON PLU=ON (KIM Y?/AU AND HYPERBRANCHED/TI)
L17 4 SEA ABB=ON PLU=ON KIEBOOMS R?/AU AND CONJUGATED/TI AND
POLYMERS/TI
L18 2 SEA ABB=ON PLU=ON L16 AND POLYPHENYLENES/TI
L19 1 SEA ABB=ON PLU=ON L17 AND OPTICAL###
L20 4 SEA ABB=ON PLU=ON (L15 OR L16 OR L17 OR L18 OR L19) AND
CORE####
L21 0 SEA ABB=ON PLU=ON (L15 OR L16 OR L17 OR L18 OR L19) AND
SHELL####
L22 3 SEA ABB=ON PLU=ON (L15 OR L16 OR L17 OR L18 OR L19 OR L20)
AND (OLIGOMER? OR TETRAMER? OR DIMER? OR TRIMER?)
L23 0 SEA ABB=ON PLU=ON (L15 OR L16 OR L17 OR L18 OR L19 OR L20)
AND NONCONJUGAT?
L24 0 SEA ABB=ON PLU=ON (L15 OR L16 OR L17 OR L18 OR L19 OR L20)
AND NON CONJUGAT?
L25 4 SEA ABB=ON PLU=ON (L15 OR L16 OR L17 OR L18 OR L19 OR L20)
AND (CAP OR CAPP##### OR TERMIN##### OR ENDCAP?)
L26 1 SEA ABB=ON PLU=ON L11 NOT (L14 OR L4)
D ALL
L27 17 SEA ABB=ON PLU=ON L15 OR (L17 OR L18 OR L19 OR L20 OR L21 OR
L22 OR L23 OR L24 OR L25 OR L26)
L28 16 SEA ABB=ON PLU=ON L27 NOT (L11 OR L14 OR L4)
L29 SEL PLU=ON L28 1- RN : 113 TERMS

FILE 'REGISTRY' ENTERED AT 09:37:01 ON 13 OCT 2005

L30 113 SEA ABB=ON PLU=ON L29
L31 107 SEA ABB=ON PLU=ON L30 AND C/ELS AND H/ELS

FILE 'REGISTRY' ENTERED AT 09:37:40 ON 13 OCT 2005

L32 113 SEA ABB=ON PLU=ON L29
L33 26 SEA ABB=ON PLU=ON L32 AND (POLYMER OR POLY OR MONOMER OR
OLIGOMER OR TRIMER OR DIMER)

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FILE 'STNGUIDE' ENTERED AT 09:37:47 ON 13 OCT 2005

FILE 'HCAPLUS' ENTERED AT 09:47:13 ON 13 OCT 2005

L34 15 SEA ABB=ON PLU=ON (L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR
L22 OR L23 OR L24 OR L25 OR L26 OR L27 OR L28) AND ?DENDRIMER?

FILE 'HCAPLUS' ENTERED AT 09:47:24 ON 13 OCT 2005

L35 7 SEA ABB=ON PLU=ON (L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR
L22 OR L23 OR L24 OR L25 OR L26 OR L27 OR L28) AND ?CONJUGAT?

L36 22 SEA ABB=ON PLU=ON (L28 OR L34 OR L35) NOT (L11 OR L14 OR L4)

L37 SEL PLU=ON L36 1- RN : 155 TERMS

FILE 'REGISTRY' ENTERED AT 09:48:17 ON 13 OCT 2005

FILE 'REGISTRY' ENTERED AT 09:48:28 ON 13 OCT 2005

L38 155 SEA ABB=ON PLU=ON L37

L39 40 SEA ABB=ON PLU=ON L38 AND (POLYMER OR POLY OR MONOMER OR
OLIGOMER OR TRIMER OR DIMER)

FILE 'HCAPLUS' ENTERED AT 09:48:46 ON 13 OCT 2005

L40 15 SEA ABB=ON PLU=ON L36 AND L39

L41 22 SEA ABB=ON PLU=ON L36 OR L40

D ALL HITSTR TOT

FILE 'STNGUIDE' ENTERED AT 09:49:30 ON 13 OCT 2005

FILE 'HCAPLUS' ENTERED AT 09:50:23 ON 13 OCT 2005

L42 30 SEA ABB=ON PLU=ON (L15 OR L16 OR L17 OR L18 OR L19 OR L20 OR
L21 OR L22 OR L23 OR L24 OR L25 OR L26 OR L27 OR L28) AND
(STAR OR ?BRANCH?)

L43 13 SEA ABB=ON PLU=ON L42 NOT (L11 OR L14 OR L4 OR L41)

L44 SEL PLU=ON L43 1- RN : 37 TERMS

FILE 'REGISTRY' ENTERED AT 09:50:55 ON 13 OCT 2005

FILE 'REGISTRY' ENTERED AT 09:51:04 ON 13 OCT 2005

L45 37 SEA ABB=ON PLU=ON L44

L46 9 SEA ABB=ON PLU=ON L45 AND (POLYMER OR POLY OR MONOMER OR
OLIGOMER OR TRIMER OR DIMER)

FILE 'HCAPLUS' ENTERED AT 09:51:20 ON 13 OCT 2005

L47 6 SEA ABB=ON PLU=ON L43 AND L46

L48 13 SEA ABB=ON PLU=ON L43 OR L47

L49 0 SEA ABB=ON PLU=ON L48 AND CORE

L50 0 SEA ABB=ON PLU=ON L48 AND SHELL####

L51 0 SEA ABB=ON PLU=ON L48 AND CAP####

D L48 ALL HITSTR TOT

FILE 'STNGUIDE' ENTERED AT 09:52:03 ON 13 OCT 2005

FILE 'HCAPLUS' ENTERED AT 09:52:50 ON 13 OCT 2005

L52 14365 SEA ABB=ON PLU=ON SHELL####(4A)CORE####

L53 271 SEA ABB=ON PLU=ON L52 AND ?CONJUGAT?

L54 664 SEA ABB=ON PLU=ON L52 AND (CAP OR CAPP##### OR TERMINA#####
)

L55 384 SEA ABB=ON PLU=ON L52 AND ?FLEX?

L56 272 SEA ABB=ON PLU=ON L52 AND ?RIGID?

FILE 'HCAPLUS' ENTERED AT 09:55:11 ON 13 OCT 2005

L57 7554 SEA ABB=ON PLU=ON L52 AND (POLYMER? OR MER OR REPEATING OR

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UNITS OR POLY OR MONOMER OR OLIGOMER OR TRIMER OR DIMER OR
?DENDRIMER? OR ?BRANCH? OR STAR)
L58 26 SEA ABB=ON PLU=ON L53 AND L54
L59 15 SEA ABB=ON PLU=ON L53 AND L55
L60 6 SEA ABB=ON PLU=ON L53 AND L56
L61 182 SEA ABB=ON PLU=ON L53 AND L57
L62 27 SEA ABB=ON PLU=ON (L58 OR L59 OR L60). AND L61
L63 41 SEA ABB=ON PLU=ON (L58 OR L59 OR L60)
L64 40 SEA ABB=ON PLU=ON (L62 OR L63) NOT (L11 OR L14 OR L4 OR L41
OR L48)
L65 SEL PLU=ON L64 1- RN : 225 TERMS

FILE 'REGISTRY' ENTERED AT 09:56:54 ON 13 OCT 2005

L66 225 SEA ABB=ON PLU=ON L65
L67 72 SEA ABB=ON PLU=ON L66 AND (POLYMER? OR POLY OR MONOMER OR
OLIGOMER OR TRIMER OR DIMER OR ?DENDRIMER? OR ?BRANCH? OR
STAR)
L68 225 SEA ABB=ON PLU=ON L65
L69 0 SEA ABB=ON PLU=ON L68 AND (DENDRIMER? OR BRANCH?)

FILE 'HCAPLUS' ENTERED AT 09:58:14 ON 13 OCT 2005

L70 22 SEA ABB=ON PLU=ON L64 AND L67
L71 40 SEA ABB=ON PLU=ON L64 OR L70
D ALL HITSTR TOT

FILE 'STNGUIDE' ENTERED AT 09:59:19 ON 13 OCT 2005

FILE 'HCAPLUS' ENTERED AT 10:00:42 ON 13 OCT 2005
E KIM Y, 1992/RE

FILE 'HCAPLUS' ENTERED AT 10:01:14 ON 13 OCT 2005
E KIM Y, 1992, P556/RE

FILE 'HCAPLUS' ENTERED AT 10:01:33 ON 13 OCT 2005
E KIM Y, 1992, V25/RE

L72 251 SEA ABB=ON PLU=ON ("KIM Y, 1992, V25, P5501, MACROMOLECULES"/
RE OR "KIM Y, 1992, V25, P5560, MACROMOLECULES"/RE OR "KIM Y,
1992, V25, P5561, MACOMOLECULES"/RE OR "KIM Y, 1992, V25,
P5561, MACROMOL"/RE OR "KIM Y, 1992, V25, P5561, MACROMOLECULE"
/RE OR "KIM Y, 1992, V25, P5561, MACROMOLECULES"/RE OR "KIM Y,
1992, V25, P5563, MACROMOLECULES"/RE OR "KIM Y, 1992, V25,
P5564, MACROMOLECULES"/RE)
E US6025462/RE
E US 6025462/RE
L73 5 SEA ABB=ON PLU=ON ("US 6025462, 2000, DAVID R"/RE OR "US
6025462, 2000, EIC LABORATORIES INC"/RE OR "US 6025462, 2000,
FEI W"/RE OR "US 6025462, 2000, WANG"/RE)

FILE 'STNGUIDE' ENTERED AT 10:02:32 ON 13 OCT 2005

FILE 'HCAPLUS' ENTERED AT 10:04:13 ON 13 OCT 2005
E WO2001059030/PN

L74 1 SEA ABB=ON PLU=ON WO2001059030/PN
L75 SEL PLU=ON L74 1- RN : 38 TERMS
L76 381730 SEA ABB=ON PLU=ON L75
L77 1 SEA ABB=ON PLU=ON L74 AND L76
D ALL HITSTR

FILE 'STNGUIDE' ENTERED AT 10:04:37 ON 13 OCT 2005

FILE 'HCAPLUS' ENTERED AT 10:05:13 ON 13 OCT 2005
E WO 2001059030/RE
E WO 200159030/RE
E WO 20010059030/RE

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FILE 'DPCI' ENTERED AT 10:05:39 ON 13 OCT 2005

E WO 2001059030/PN.D

L78 3 SEA ABB=ON PLU=ON WO2001059030/PN.D
L79 SEL PLU=ON L78 1- PRN : 6 TERMS
E US6025462/PN.D
L80 7 SEA ABB=ON PLU=ON US6025462/PN.D
L81 SEL PLU=ON L80 1- PRN : 10 TERMS

FILE 'HCAPLUS' ENTERED AT 10:06:37 ON 13 OCT 2005

L82 4 SEA ABB=ON PLU=ON L79
L83 6 SEA ABB=ON PLU=ON L81
L84 9 SEA ABB=ON PLU=ON (L82 OR L83)
L85 SEL PLU=ON L84 1- RN : 169 TERMS

FILE 'REGISTRY' ENTERED AT 10:06:58 ON 13 OCT 2005

L86 169 SEA ABB=ON PLU=ON L85
L87 154 SEA ABB=ON PLU=ON L86 AND C/ELS AND H/ELS
L88 24 SEA ABB=ON PLU=ON L86 AND (POLYMER? OR POLY OR MONOMER OR
OLIGOMER OR TRIMER OR DIMER)

FILE 'HCAPLUS' ENTERED AT 10:08:11 ON 13 OCT 2005

L89 6 SEA ABB=ON PLU=ON L84 AND L88
L90 9 SEA ABB=ON PLU=ON L84 OR L89
D ALL HITSTR TOT

FILE 'WPIX, JAPIO' ENTERED AT 10:09:03 ON 13 OCT 2005

L91 5 SEA ABB=ON PLU=ON L79
L92 10 SEA ABB=ON PLU=ON L81
L93 13 SEA ABB=ON PLU=ON L91 OR L92
L94 3 SEA ABB=ON PLU=ON (SHELL#### AND CORE####) AND L93
L95 4 SEA ABB=ON PLU=ON ?CONJUGAT? AND L93
L96 3 SEA ABB=ON PLU=ON ?OLIGOMER? AND L93
L97 1 SEA ABB=ON PLU=ON EP 1398341/PN
L98 SEL PLU=ON L97 1- MC IC : 24 TERMS
L99 116300 SEA ABB=ON PLU=ON L98
L100 10 SEA ABB=ON PLU=ON L93 AND L99
L101 13 SEA ABB=ON PLU=ON (L93 OR L94 OR L95 OR L96 OR L97) OR L100
D MAX 1-13

FILE 'WPIX, JAPIO' ENTERED AT 10:12:27 ON 13 OCT 2005

L102 41 SEA ABB=ON PLU=ON (SHELL#### AND CORE####)/TI AND ?OLIGOMER?
L103 116300 SEA ABB=ON PLU=ON L98
L104 12 SEA ABB=ON PLU=ON (SHELL#### AND CORE####) AND ?OLIGOMER?
AND L103
L105 46 SEA ABB=ON PLU=ON (L102 OR L104) NOT L101
L106 10 SEA ABB=ON PLU=ON L105 AND 2003-2005/PRY
L107 12 SEA ABB=ON PLU=ON L105 AND 1999-2002/PRY
L108 4 SEA ABB=ON PLU=ON L105 AND 1995-1998/PRY
L109 36 SEA ABB=ON PLU=ON L105 NOT L106
L110 37 SEA ABB=ON PLU=ON (L107 OR L108 OR L109)
L111 2 SEA ABB=ON PLU=ON L110 AND (?FLEX? OR ?RIGID?)
L112 3 SEA ABB=ON PLU=ON L110 AND (CAP OR CAPP##### OR END#####
OR TERMINA#####)
L113 4 SEA ABB=ON PLU=ON L110 AND (?BRANCH? OR ?DENDRIMER? OR STAR)
L114 10 SEA ABB=ON PLU=ON L110 AND ?UNSAT?
L115 12 SEA ABB=ON PLU=ON L110 AND ?FUNCTIONAL?
L116 7 SEA ABB=ON PLU=ON L104 AND L110
L117 20 SEA ABB=ON PLU=ON (L111 OR L112 OR L113 OR L114 OR L115 OR
L116)
L118 20 SEA ABB=ON PLU=ON L117 NOT L101

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FILE 'WPIX' ENTERED AT 15:31:33 ON 13 OCT 2005

L1 1 SEA ABB=ON PLU=ON EP1398341/PN
L2 SEL PLU=ON L1 1- PLE : 59 TERMS
L3 SEL PLU=ON L1 1- MC IC : 24 TERMS

FILE 'STNGUIDE' ENTERED AT 15:31:36 ON 13 OCT 2005

L4 0 SEA ABB=ON PLU=ON LINEAR(4A)CONJUGAT#####
L5 0 SEA ABB=ON PLU=ON CONJUGAT#####(4A)CHAIN
L6 0 SEA ABB=ON PLU=ON (ALKYL#### OR METHYL#### OR ETHYL#### OR
LINEAR OR CHAIN) (3A) (OLIGOMER? OR TRIMER? OR DIMER? OR
TETRAMER?)
L7 0 SEA ABB=ON PLU=ON NONCONJUGAT? OR NON CONJUGAT? OR UNCONJUGAT
?
L8 3 SEA ABB=ON PLU=ON CORE?

FILE 'WPIX' ENTERED AT 15:34:55 ON 13 OCT 2005

L9 316 SEA ABB=ON PLU=ON LINEAR(4A)CONJUGAT#####
L10 849 SEA ABB=ON PLU=ON CONJUGAT#####(4A)CHAIN
L11 5471 SEA ABB=ON PLU=ON (ALKYL#### OR METHYL#### OR ETHYL#### OR
LINEAR OR CHAIN) (3A) (OLIGOMER? OR TRIMER? OR DIMER? OR
TETRAMER?)
L12 3967 SEA ABB=ON PLU=ON NONCONJUGAT? OR NON CONJUGAT? OR UNCONJUGAT
?
L13 341935 SEA ABB=ON PLU=ON ?CORE?
L14 123919 SEA ABB=ON PLU=ON ?SHELL?
L15 16170 SEA ABB=ON PLU=ON MULTIFUNCTION?

FILE 'STNGUIDE' ENTERED AT 15:35:29 ON 13 OCT 2005

FILE 'WPIX' ENTERED AT 15:36:06 ON 13 OCT 2005

L16 1110 SEA ABB=ON PLU=ON ?CORE?(4A) (DENDRI? OR STAR OR ?BRANCH?)

FILE 'STNGUIDE' ENTERED AT 15:36:15 ON 13 OCT 2005

FILE 'WPIX' ENTERED AT 15:36:44 ON 13 OCT 2005

L17 262 SEA ABB=ON PLU=ON HYPERBRANCH?
L18 127 SEA ABB=ON PLU=ON HYPER BRANCH#####

FILE 'STNGUIDE' ENTERED AT 15:36:46 ON 13 OCT 2005

FILE 'REGISTRY' ENTERED AT 15:37:25 ON 13 OCT 2005

L19 30816 SEA ABB=ON PLU=ON 2 5 AND THIOPHEN?
L20 24772 SEA ABB=ON PLU=ON L19 NOT 3 4
L21 14 SEA ABB=ON PLU=ON 3 4 AND 2 5 AND THIOPHEN? AND ETHYLENEDIOX?
L22 74 SEA ABB=ON PLU=ON 3 4 AND 2 5 AND THIOPHEN? AND (ETHEN? OR
ETHYLEN?) AND (DIOX? OR DI(5A)OXY#####)
L23 87 SEA ABB=ON PLU=ON 1 3 5 PHENYL?

FILE 'HCAPLUS' ENTERED AT 15:40:59 ON 13 OCT 2005

L24 50 SEA ABB=ON PLU=ON L23
L25 27 SEA ABB=ON PLU=ON L20 AND (L21 OR L22)
L26 48 SEA ABB=ON PLU=ON 1 3 5 PHENYL#####
L27 1302 SEA ABB=ON PLU=ON 2 5 THIOPHEN?
L28 6317 SEA ABB=ON PLU=ON 3 4(6A)?THIOPHEN?
L29 203 SEA ABB=ON PLU=ON L27 AND L28
L30 316 SEA ABB=ON PLU=ON (L24 OR L25 OR L26) OR L29
L31 10 SEA ABB=ON PLU=ON L30 AND ?CORE?
L32 2 SEA ABB=ON PLU=ON L30 AND ?SHELL?
L33 11 SEA ABB=ON PLU=ON (L31 OR L32)
D ALL TOT

FILE 'STNGUIDE' ENTERED AT 15:43:51 ON 13 OCT 2005

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FILE 'HCAPLUS' ENTERED AT 15:44:34 ON 13 OCT 2005

L34 316 SEA ABB=ON PLU=ON (L24 OR L25 OR L26) OR (L29 OR L30 OR L31
OR L32 OR L33)
L35 SEL PLU=ON L34 1- PRN : 106 TERMS

FILE 'STNGUIDE' ENTERED AT 15:45:08 ON 13 OCT 2005

FILE 'WPIX' ENTERED AT 15:45:42 ON 13 OCT 2005

L36 68 SEA ABB=ON PLU=ON L35
L37 3 SEA ABB=ON PLU=ON (L9 OR L10 OR L11 OR L12 OR L13 OR L14 OR
L15) AND L36
D MAX 1-3
L38 97731 SEA ABB=ON PLU=ON L3
L39 740795 SEA ABB=ON PLU=ON L2
L40 37840 SEA ABB=ON PLU=ON L38 AND L39
L41 479389 SEA ABB=ON PLU=ON (L9 OR L10 OR L11 OR L12 OR L13 OR L14 OR
L15 OR L16 OR L17 OR L18)
L42 2208 SEA ABB=ON PLU=ON L40 AND L41
L43 1255 SEA ABB=ON PLU=ON L42 AND ?CORE
L44 1315 SEA ABB=ON PLU=ON L42 AND ?CORE?
L45 358 SEA ABB=ON PLU=ON L42 AND ?SHELL?
L46 69 SEA ABB=ON PLU=ON L9 AND ((L10 OR L11 OR L12) OR (L16 OR L17
OR L18))
L47 112 SEA ABB=ON PLU=ON L10 AND ((L11 OR L12) OR (L16 OR L17 OR
L18))
L48 23 SEA ABB=ON PLU=ON L11 AND (L12 OR (L16 OR L17 OR L18))
L49 6 SEA ABB=ON PLU=ON L12 AND ((L16 OR L17 OR L18))
L50 23 SEA ABB=ON PLU=ON L16 AND ((L17 OR L18))
L51 25 SEA ABB=ON PLU=ON L17 AND (L18)
L52 202 SEA ABB=ON PLU=ON L44 AND L45
L53 3 SEA ABB=ON PLU=ON (L46 OR L47 OR L48 OR L49 OR L50 OR L51)
AND L52
L54 2 SEA ABB=ON PLU=ON L53 NOT L37
D MAX 1-2

FILE 'STNGUIDE' ENTERED AT 15:52:59 ON 13 OCT 2005

FILE 'WPIX' ENTERED AT 15:54:02 ON 13 OCT 2005

L55 96 SEA ABB=ON PLU=ON (L44 OR L45 OR L46 OR L47 OR L48 OR L49 OR
L50 OR L51 OR L52) AND 2 5
L56 1704 SEA ABB=ON PLU=ON (L44 OR L45 OR L46 OR L47 OR L48 OR L49 OR
L50 OR L51 OR L52)
L57 52 SEA ABB=ON PLU=ON L56 AND 3 4
L58 25 SEA ABB=ON PLU=ON L56 AND 1 3 5
L59 13 SEA ABB=ON PLU=ON (L55 OR L57 OR L58) AND ?CORE?(6A)?SHELL?
L60 12 SEA ABB=ON PLU=ON L59 NOT (L53 OR L37)
D MAX 1-12
L61 34 SEA ABB=ON PLU=ON L56 AND ?DECYL?
L62 20 SEA ABB=ON PLU=ON L56 AND ?DODECYL?
L63 59 SEA ABB=ON PLU=ON L56 AND ?HEXYL?
L64 8 SEA ABB=ON PLU=ON L56 AND DECYL?
L65 2 SEA ABB=ON PLU=ON L64 AND L62 AND L63
L66 1 SEA ABB=ON PLU=ON L65 NOT (L59 OR L53 OR L37)
D MAX
L67 81 SEA ABB=ON PLU=ON (L61 OR L62 OR L63 OR L64) NOT (L65 OR L59
OR L53 OR L37)
L68 62 SEA ABB=ON PLU=ON L67 AND ?CORE?
L69 10 SEA ABB=ON PLU=ON L67 AND ?SHELL?
L70 7 SEA ABB=ON PLU=ON L68 AND L69
L71 7 SEA ABB=ON PLU=ON (L68 OR L69) AND SEMICONDUCT?
L72 12 SEA ABB=ON PLU=ON (L70 OR L71)
D MAX 1-12